Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

IAG Final

No. **1st and Final bill** (For Other Works) Date.....20.....

Est of 24 53.00 Lacs

Division-**Dasarahalli Division**

Bill Received No.....Dated.....Cash Book Voucher No.....dated.....

Scheduled Docket No..... Head of Account:

Name of Work: Improvements to Roads And Drains At Mallasandra Colony Surrounding Area In Ward No.13 Shettyhalli Sub Division

Contractor and Full Address: M/S KRIDL

Work Order No: EE/DD/WO/548/2019-20 **Date:14/02/2020**

Job code No: 013-20-000071

Certified that the measurements were taken by me on 14.02.20 to 12.08.20 and recorded in pages 487822 to 26

Of measurement Book No.....4879/19-20. and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

Certified that the measurements were taken by me on 12.08.2020 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being.....percent Rs.....
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied

1st and final Bill → 5289884=00
IT → 105798=00
Leave → 52899=00 (-)
CBF → 5290=00 605108=00
FSD → 264494=00
Roy → 82165=00
CGST → 47231=00
SGST → 47231=00
Net Amount → 4684776=00

Contractor's Signature

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

Received Rs.....(in words)

By Cash and by adjustment of Payment as per memorandum.

Witnesses:

1.

2.

28/03/19

(For use in the Office)

EXECUTIVE ENGINEER-4
KRIDL BBMP DIVISON
BENGALURU-560 010

Audited and admitted for Rs. 5289884=00

Passed by Cheque for Rs. 4684776=00

Forty Six Lakhs Eighty Four thousand Seven Hundred Seventy Six only

Dated.....Signature of Contractor

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

605108=00

Superintendent Exe. Engineer
B.B.M.P. Dasarahalli Division

Executive Engineer

Initials of Officer Making Payment

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Name of work:Improvements to Roads And Drains At Mallasandra Colony Surrounding Area In Ward No.13 Shettyhalli Sub Division

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3.	Cum	644.53	137.80	88815.68	–	–	643.21	137.80	88634.70	643.21	88634.70
2	Removing And Refixing stone slabs of drains and pointing in C.M (1:3)	Sqm	242.00	111.30	26934.60			241.20	111.30	26845.56	241.20	26845.56
3	Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305.	Cum	37.62	344.50	12960.09			37.13	344.50	12789.56	37.13	12789.56

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
4	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum	194.51	5509.33	1071632.91	–	–	194.18	5509.33	1069777.98	194.18	1069777.98
5	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo-Wall & bottom thickness 15cm	Cum	91.36	7189.42	656818.06	–	–	91.36	7189.42	656809.07	91.36	656809.07

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
6	Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications.Specification No. KBS 4.6.3	Tonne	9.16	72326.98	662393.63	–	–	9.15	72326.98	661623.59	9.15	661623.59
7	Providing and fixing M.S. grill work for windows and ventilator weighing 21kg/Sqm using M.S. flats, or M.S square rods or combination of M.S. flats and steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures labour and HOM of machinery specifications	Kg	1772.40	100.70	178480.68			1772.40	100.70	178480.68	1772.40	178480.68
8	Providing and fixing Precast RCC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work, lift charges,curing and concrtee finished surface on both sides etc,and complete as per the directions of Enginner in charges.(Data Rate)	Sqm	170.20	1615.00	274873.00	–	–	169.59	1615.00	273887.85	169.59	273887.85

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
9	Providing and fixing Precast RCC slab of 250mm thick for Culverts made of Plain/Reinforced Cement Concrete design mix M25 with OPC@340kgs,with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates@0.47cum,with superplasticizer@3lts confirming to 189103-1999 Reaffirmed-2008,Open Foundation complete as per Drawing and Technical Specification including cost of all materials, labour,HOM curing,form works,scaffolding and centering complete as per specifications and pointing for ljoints 1:3 cement mortar including form work,lift charges,curing and concrete finished surfaces on both sides etc,complete and as per the directions of Engineer in-Charge. (Data Rate)	Sqm	30.09	3674.00	110550.66	-	-	30.09	3674.00	110550.66	30.09	110550.66
10	Providing and constructing granite /trap/ baslat size stone masonry in foundation with cement mortar 1:6, stones hammerd dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications	Cum	15.73	4891.63	76945.34			15.65	4891.63	76563.79	15.65	76563.79

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
11	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202	Cum	58.67	952.94	55907.08			58.34	952.94	55594.76	58.34	55594.76
12	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications. MORTH / Chapter 3	Sqm	548.40	95.40	52317.36			541.22	95.40	51632.38	541.22	51632.38
13	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3	Sqm	1065.12	6.36	6774.16			1063.71	6.36	6765.19	1063.71	6765.19

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
14	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap I basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve thedesired density complete as per specifications. MORTH Specification No. 406	Cum	159.77	2001.28	319740.50			159.48	2001.28	319156.75	159.48	319156.75

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
15	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete	Cum	172.85	5354.02	925431.97			172.75	5354.02	924888.87	172.75	924888.87

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
16	Removal of Unserviceable Soil with Disposal KSRRB M300-19. Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specifications. MORTH Specification No. 301	Cum	644.53	34.98	22545.53			643.21	34.98	22499.58	643.21	22499.58
17	Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1	Cum	86.09	57.00	4907.13			85.40	57.00	4867.80	85.40	4867.80
18	Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 Case-I : Surface Road	t.km	730.61	25.60	18703.72			728.61	25.60	18652.51	728.61	18652.51
	Total				**4566731.97**					**4560021.12**		**4560021.12**
	GST Charges 12%				**548007.84**					**547202.53**		**547202.53**
	KRIDL Charges 4%				**182669.28**					**182400.84**		**182400.84**
	Grand Total				**5297409.08**					**5289624.50**		**5289624.50**

4566864=00
548026=00
182675=00
5297563=00

4560245=00
547229=00
182410=00
5289884=00

4560245=00
547229=00
182410=00
5289884=00

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Assistant Engineer
Ward No. 03

Asst. Executive Engineer,
Byatarayanapura Sub division

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